

1) Family number: 8595962 (DE4024144 A1)

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Title: Disabling explosives in passage luggage - identifying timer by spectrum analyser and applying microwave to disable

Title(2): VERFAHREN UND ANORDNUNG ZUR EINBRINGUNGSVERHINDERUNG VON SPRENGSTOFFEN IN GEPAECKSTUECKEN IN FLUGZEUGE, SCHIFFE UND ANDERE.....

Priority: DE19904024144 19900730

Family:	Publication number	Publication date	Application number	Application date
	DE4024144 A1	19920206	DE19904024144	19900730

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International class (IPC 1-7): G01R23/16 G07C11/00 G07C9/00 H01Q1/00 H03B1/02

European class: G01V5/00D

Abstract:

Source: DE4024144A1 Luggage is checked prior to being loaded into an aircraft or on board a ship for the presence of explosive materials and can be made safe. The item of luggage is passed along a conveyor that passes through a shielded container. Located outside the container a spectrum analyser detects the oscillations of a quartz crystal and decides if the timer is active. The luggage is then passed through a reinforced unit where it is exposed to microwave energy at resonant frequency that will destroy the timer and so secure the unit. ADVANTAGE - Effective against any type of explosive even when carried by terrorist.

